

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132833.D
 Acq On : 17 Mar 2023 20:45
 Operator : CG\JU
 Sample : 01932-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-43-031423

Quant Time: Mar 17 23:32:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

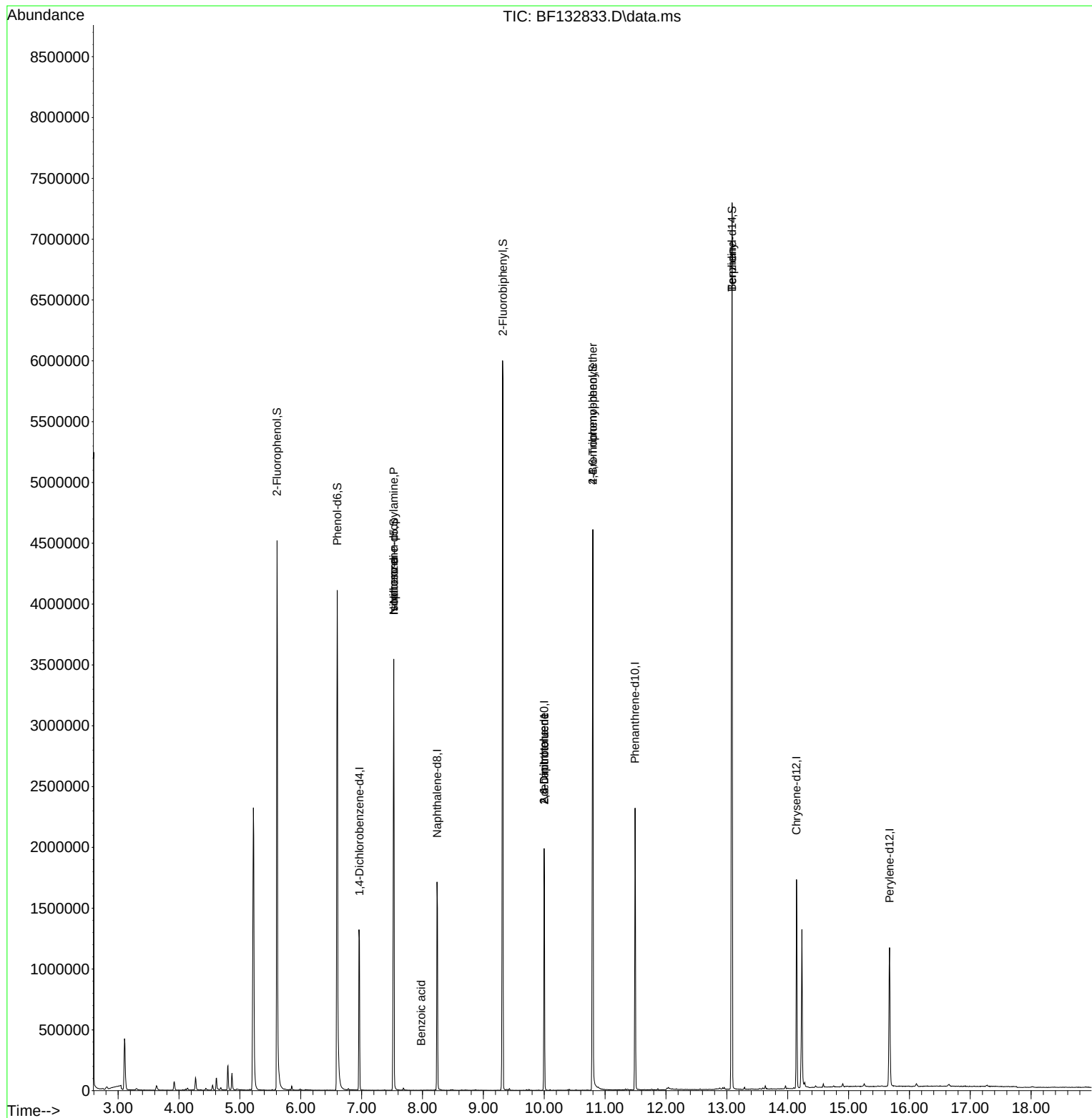
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	211544	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	761863	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	402163	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	844194	20.000	ng	0.00
76) Chrysene-d12	14.145	240	602755	20.000	ng	0.00
86) Perylene-d12	15.674	264	561031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1477774	117.876	ng	0.02
7) Phenol-d6	6.598	99	1807150	111.057	ng	0.00
23) Nitrobenzene-d5	7.528	82	1291793	86.771	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	612441	143.256	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2098962	85.735	ng	0.00
79) Terphenyl-d14	13.086	244	2843578	85.186	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	172672	18.598	ng	# 77
25) Isophorone	7.528	82	1291782	44.139	ng	# 66
32) Benzoic acid	7.981	122	57	10.476	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	52110	8.173	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	52110	6.398	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	39361	4.033	ng	# 1
77) Benzidine	13.086	184	41927	11.169	ng	# 96

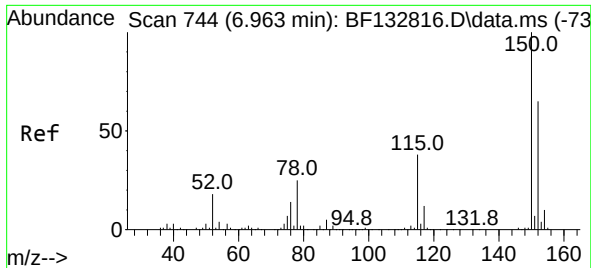
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132833.D
Acq On : 17 Mar 2023 20:45
Operator : CG\JU
Sample : 01932-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-43-031423

Quant Time: Mar 17 23:32:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

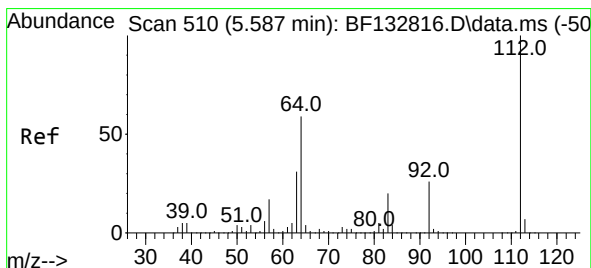
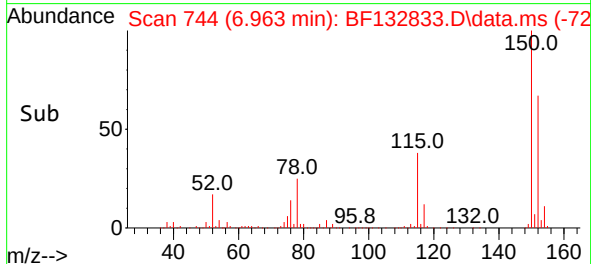
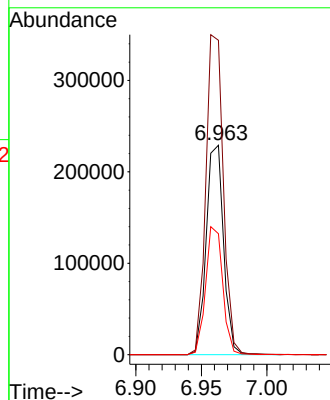
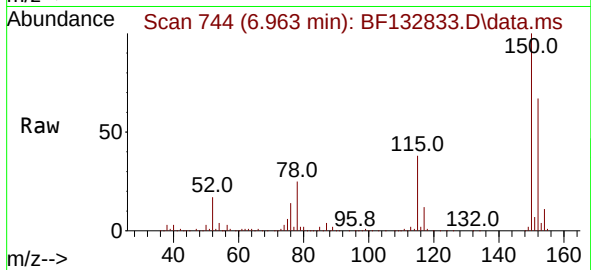




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

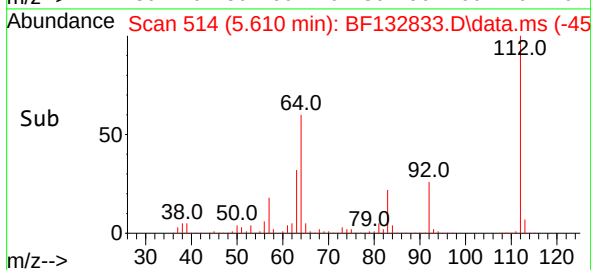
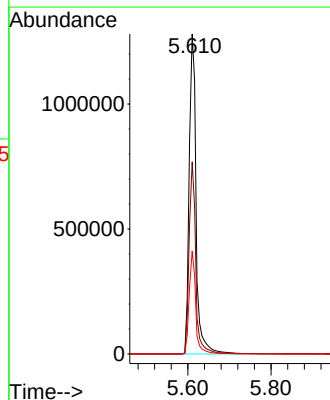
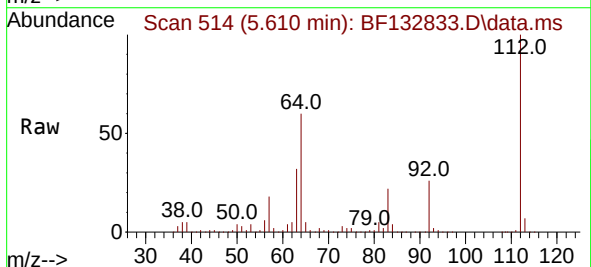
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

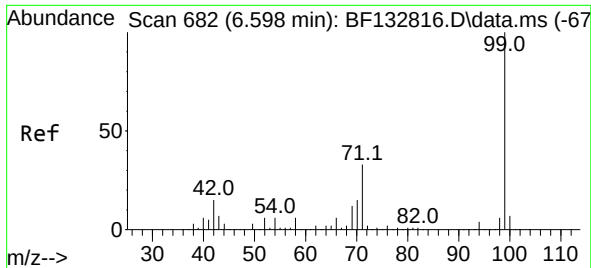
Tgt Ion:152 Resp: 211544
Ion Ratio Lower Upper
152 100
150 150.2 122.7 184.1
115 57.8 46.2 69.4



#5
2-Fluorophenol
Concen: 117.876 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.024 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:112 Resp: 1477774
Ion Ratio Lower Upper
112 100
64 60.1 47.1 70.7
63 32.2 24.4 36.6

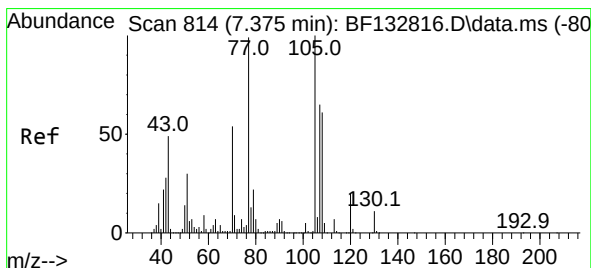
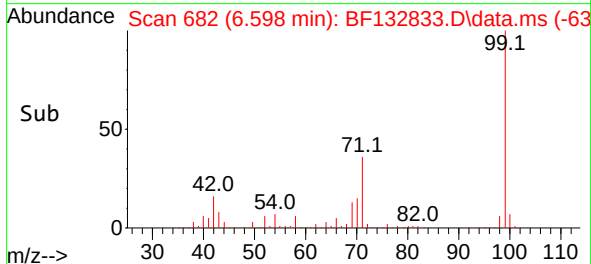
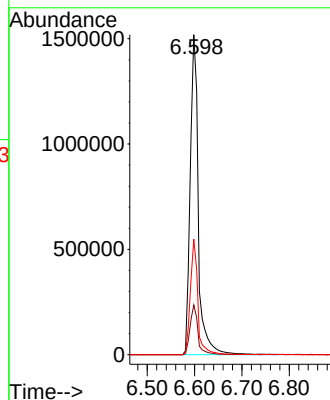
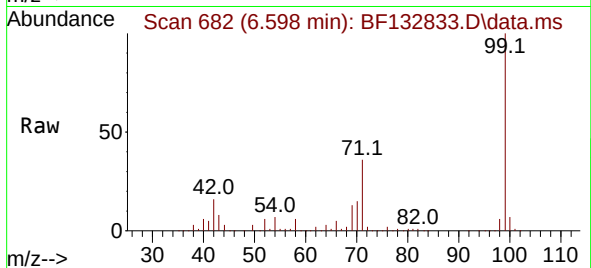




#7
Phenol-d6
Concen: 111.057 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

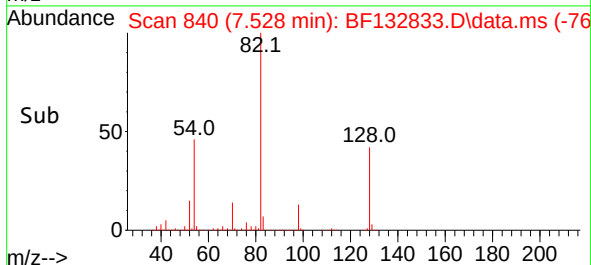
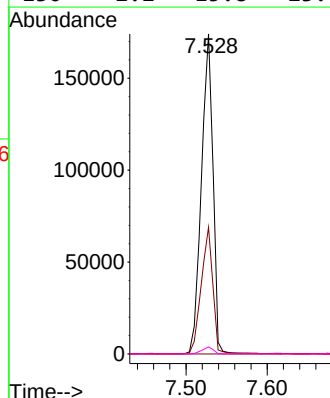
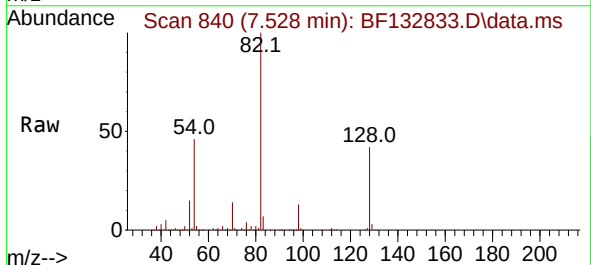
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

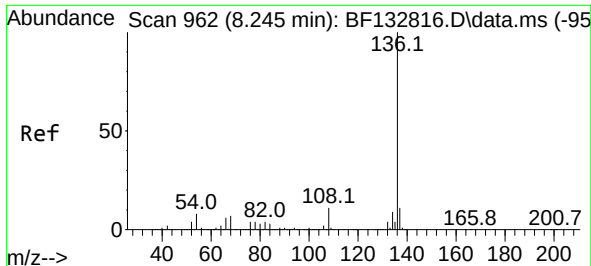
Tgt Ion: 99 Resp: 1807150
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 36.1 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.598 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion: 70 Resp: 172672
Ion Ratio Lower Upper
70 100
42 39.6 40.9 61.3#
101 0.0 7.8 11.6#
130 2.2 15.8 23.6#

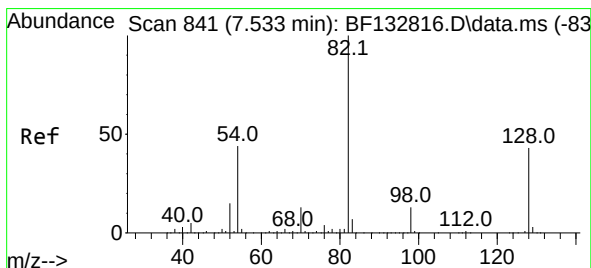
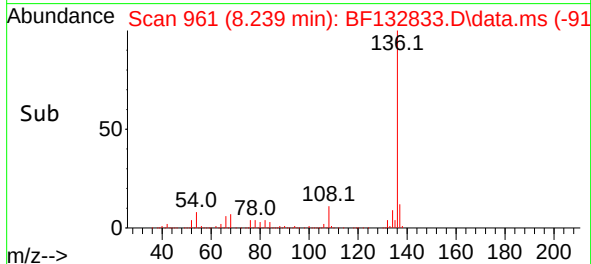
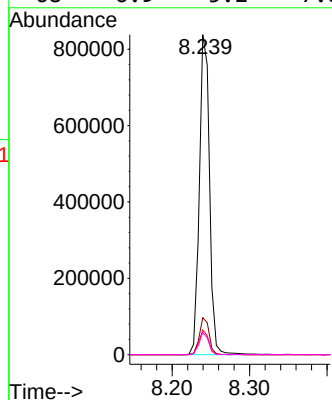
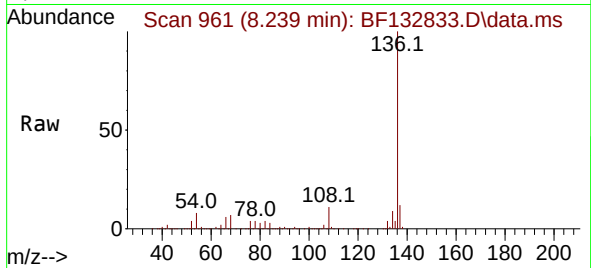




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

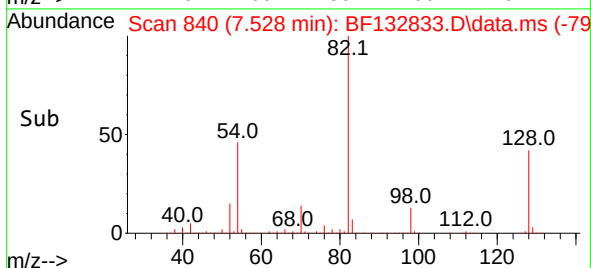
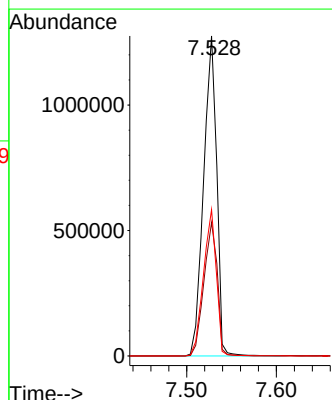
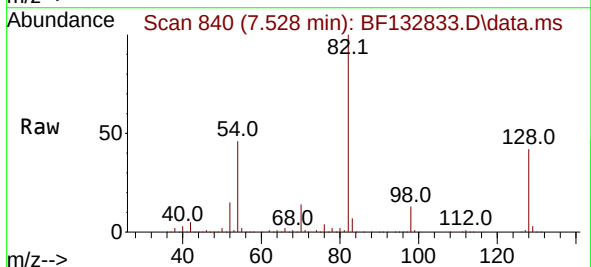
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

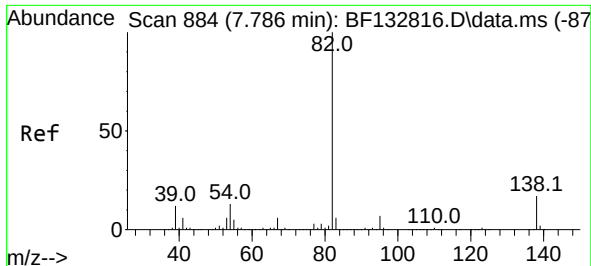
Tgt Ion:136 Resp: 761863
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 7.7 6.1 9.1
68 6.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.771 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion: 82 Resp: 1291793
Ion Ratio Lower Upper
82 100
128 41.7 34.4 51.6
54 45.7 35.2 52.8

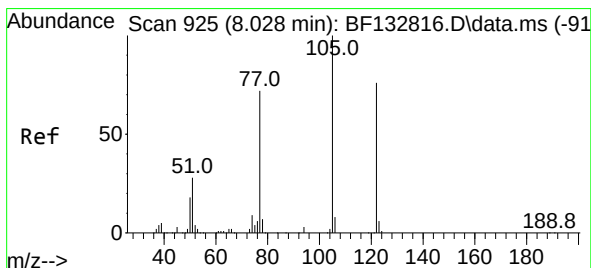
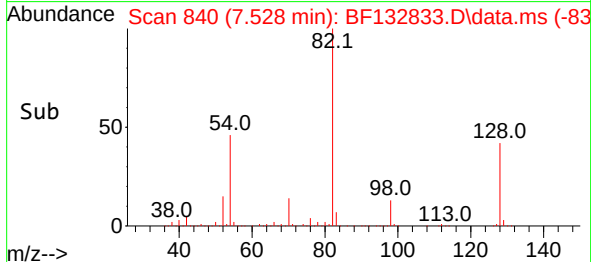
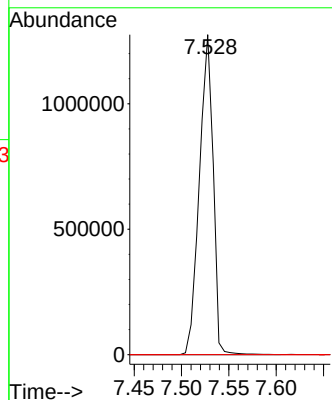
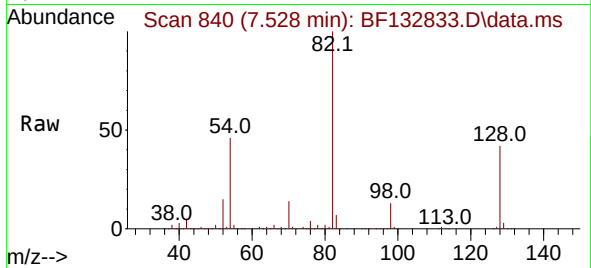




#25
Isophorone
Concen: 44.139 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

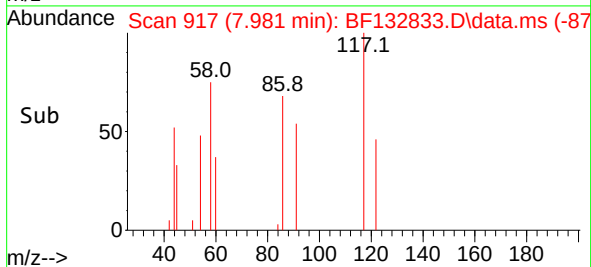
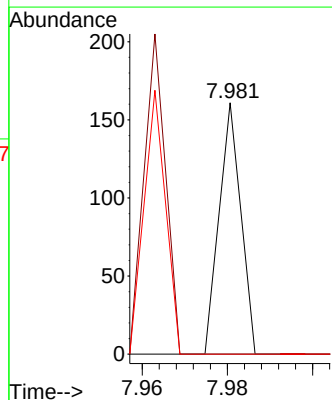
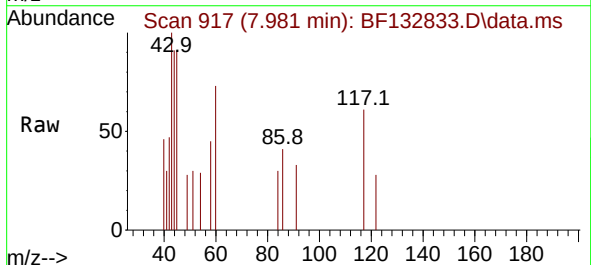
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

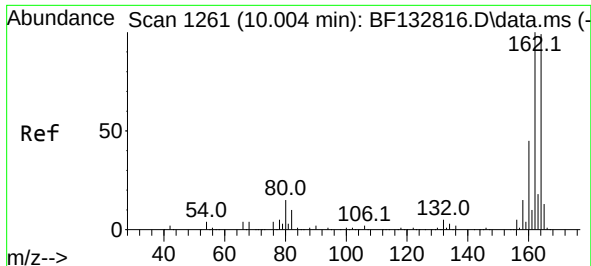
Tgt Ion: 82 Resp: 1291782
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.476 ng
RT: 7.981 min Scan# 917
Delta R.T. -0.047 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 110.8 150.8#
77 0.0 74.2 114.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

CE-43-031423

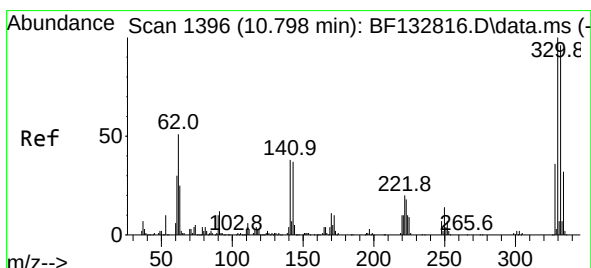
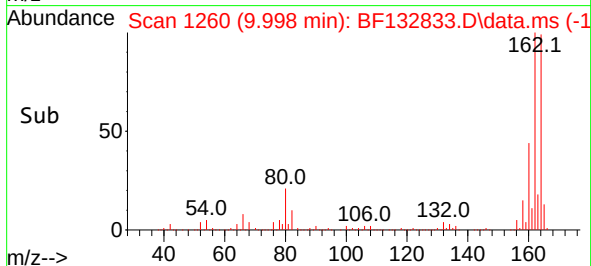
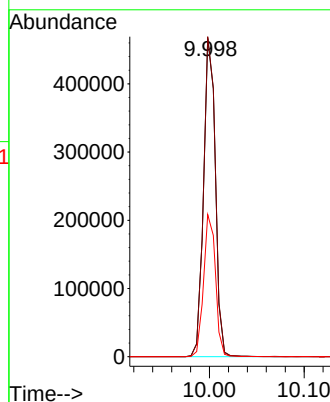
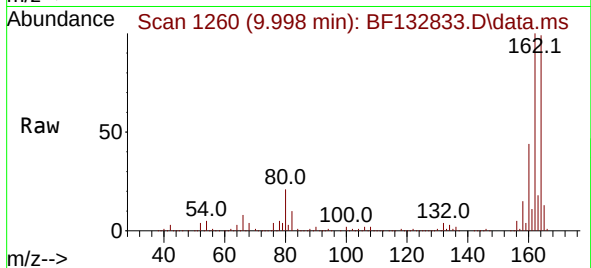
Tgt Ion:164 Resp: 402163

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 143.256 ng

RT: 10.798 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

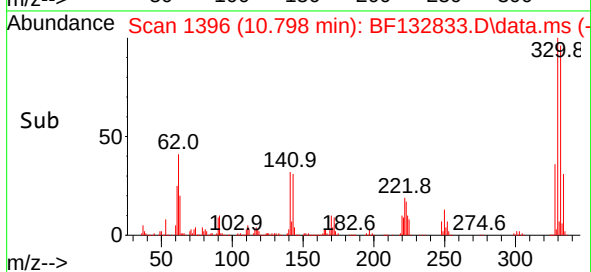
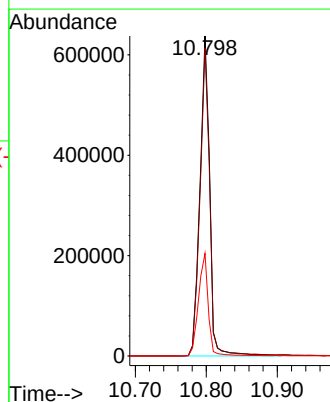
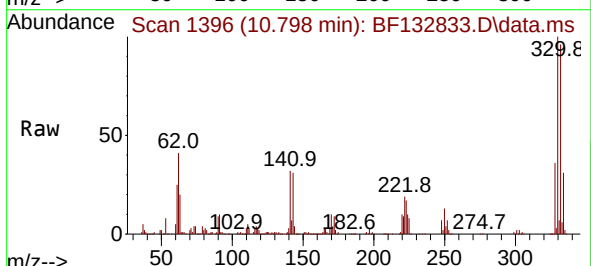
Tgt Ion:330 Resp: 612441

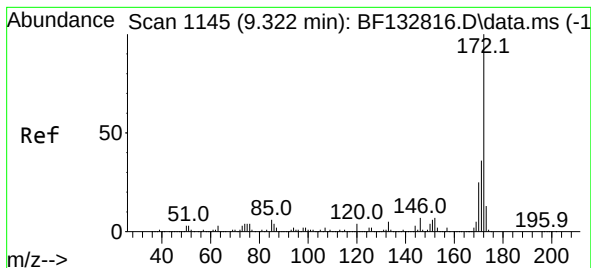
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 32.6 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 85.735 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

CE-43-031423

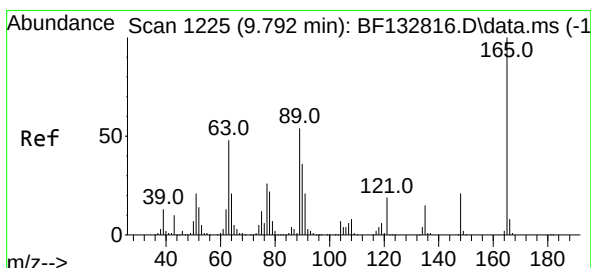
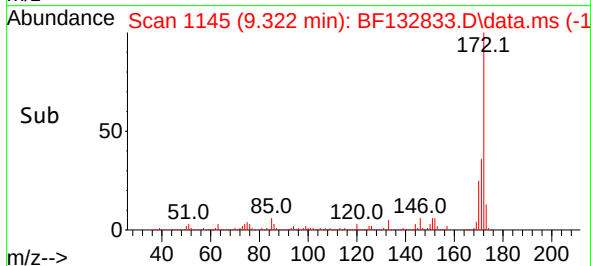
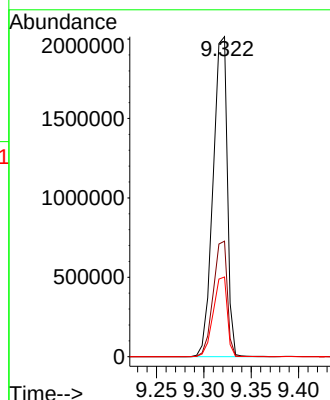
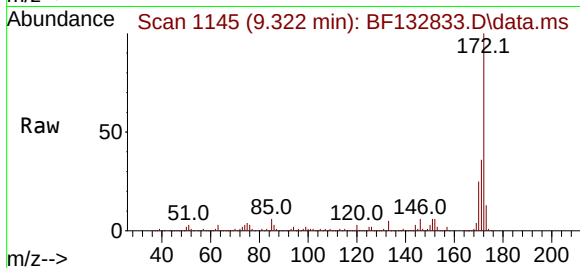
Tgt Ion:172 Resp: 2098962

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.9 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.173 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132833.D

Acq: 17 Mar 2023 20:45

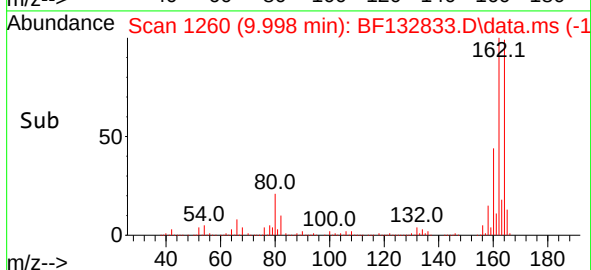
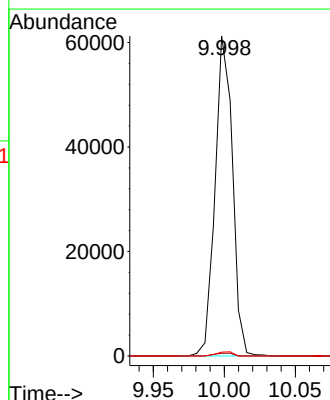
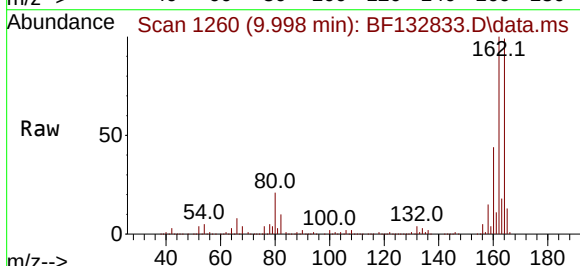
Tgt Ion:165 Resp: 52110

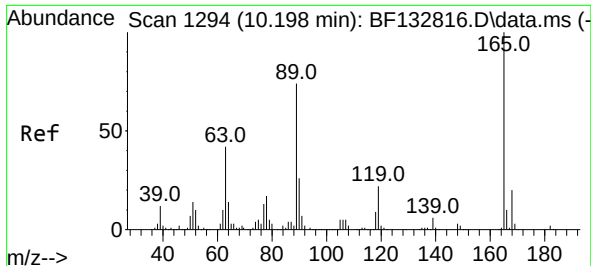
Ion Ratio Lower Upper

165 100

63 0.9 39.1 58.7#

89 1.2 43.5 65.3#

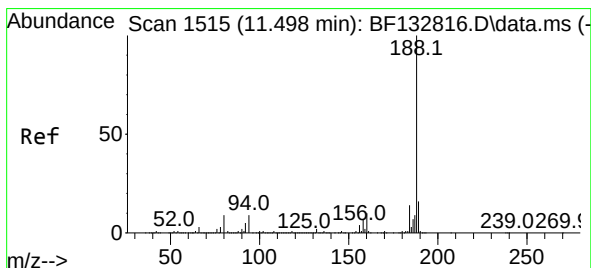
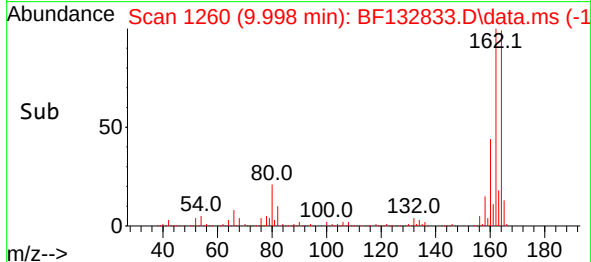
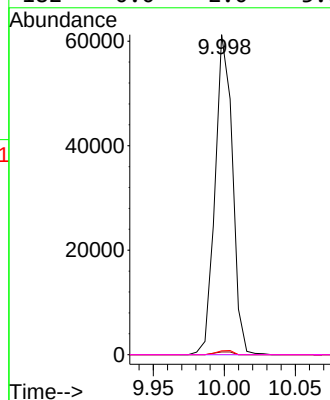
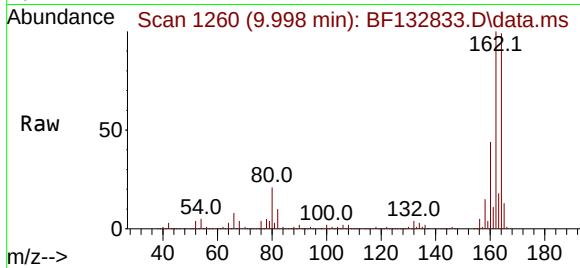




#57
2,4-Dinitrotoluene
Concen: 6.398 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

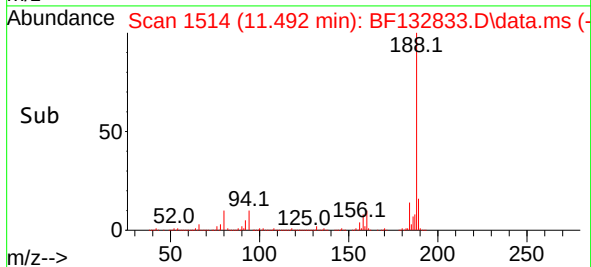
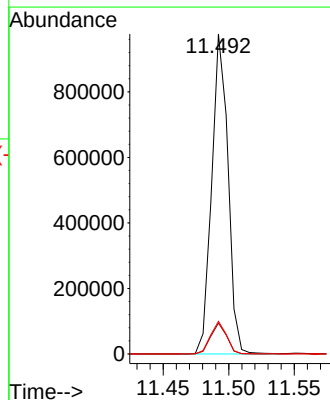
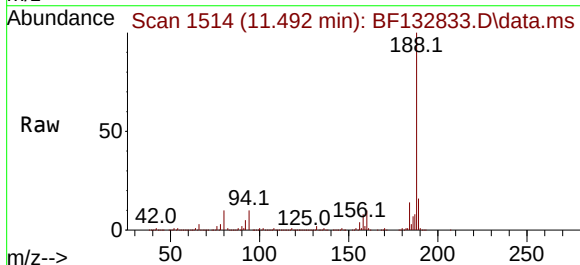
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

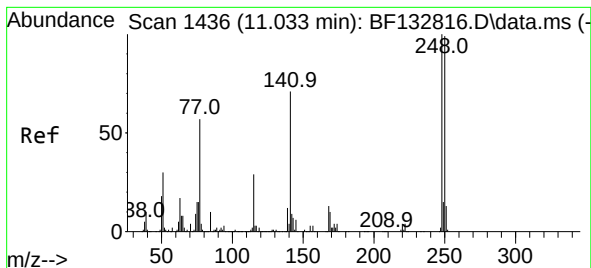
Tgt Ion:165	Resp:	52110
Ion Ratio	Lower	Upper
165	100	
63	0.9	34.4 51.6#
89	1.2	59.5 89.3#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:188	Resp:	844194
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.5 11.3
80	10.2	7.5 11.3

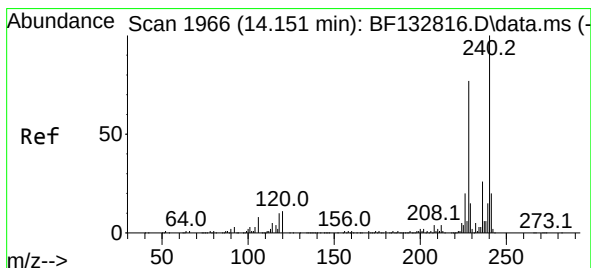
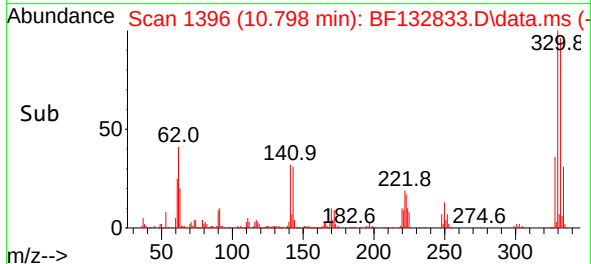
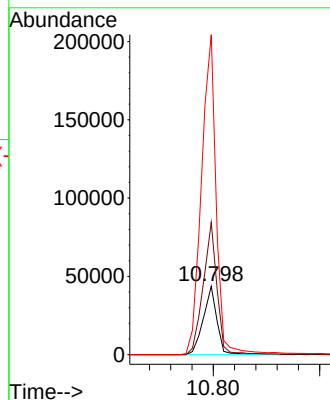
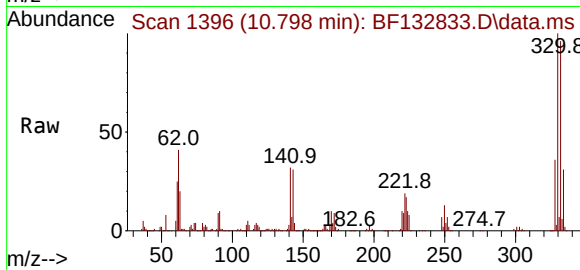




#67
4-Bromophenyl-phenylether
Concen: 4.033 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

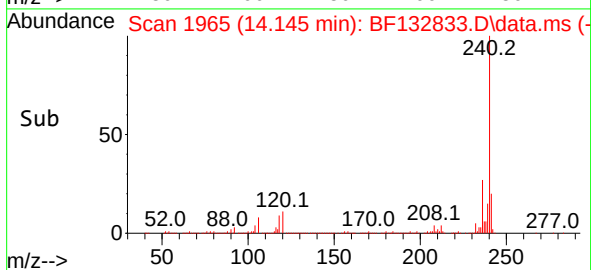
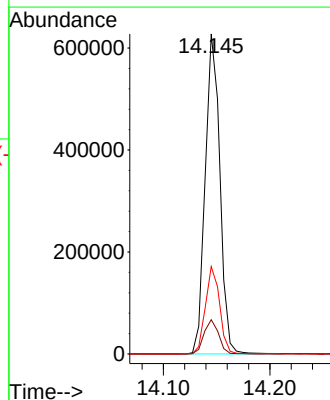
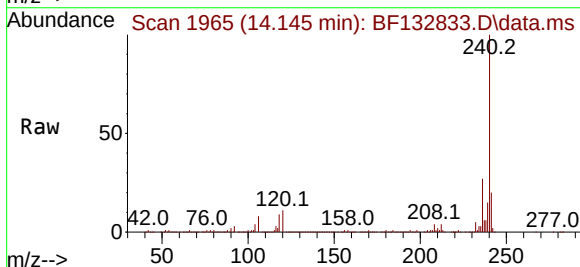
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

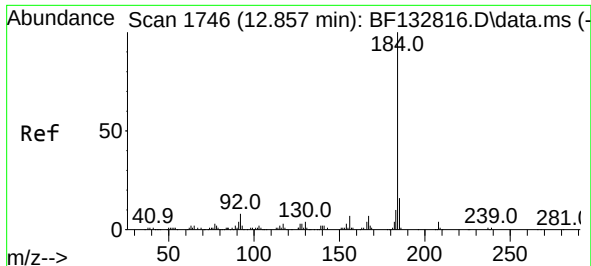
Tgt Ion:248 Resp: 39361
Ion Ratio Lower Upper
248 100
250 193.2 79.1 118.7#
141 467.1 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:240 Resp: 602755
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 27.3 21.2 31.8

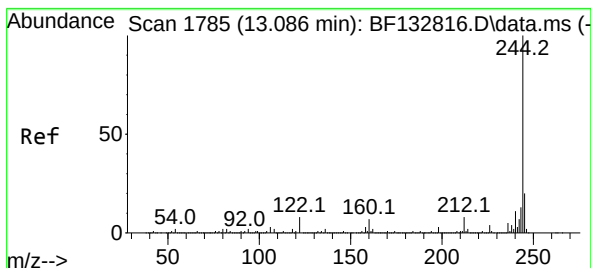
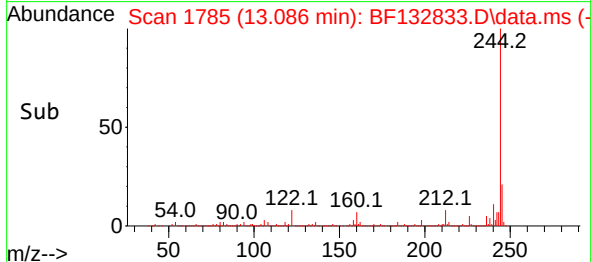
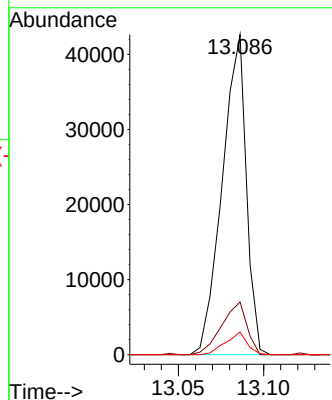
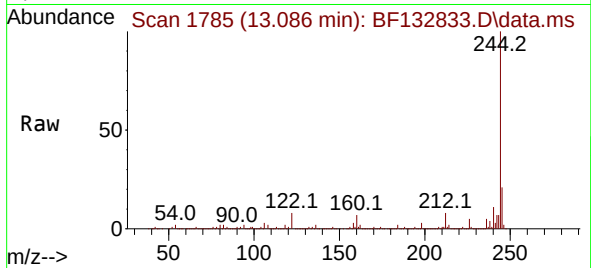




#77
Benzidine
Concen: 11.169 ng
RT: 13.086 min Scan# 1746
Delta R.T. 0.230 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

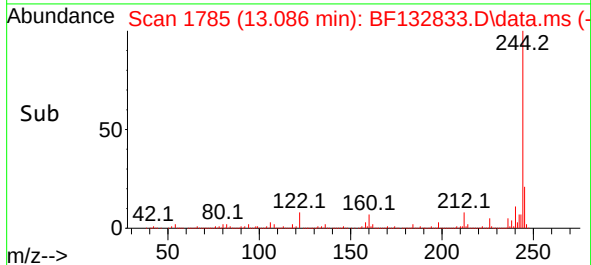
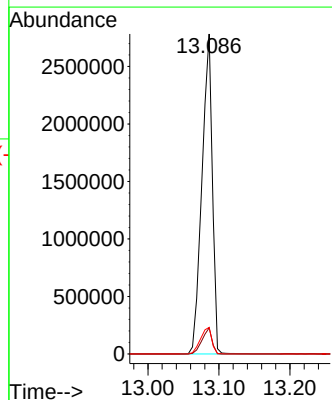
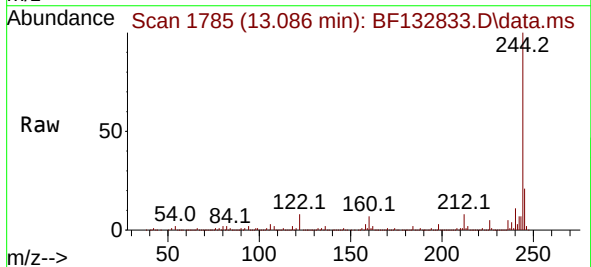
Instrument :
BNA_F
ClientSampleId :
CE-43-031423

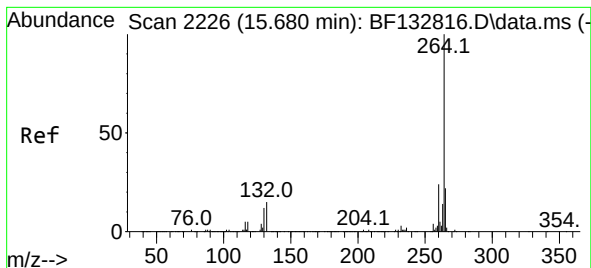
Tgt Ion:184 Resp: 41927
Ion Ratio Lower Upper
184 100
185 16.5 12.6 19.0
183 7.1 8.2 12.4#



#79
Terphenyl-d14
Concen: 85.186 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132833.D
Acq: 17 Mar 2023 20:45

Tgt Ion:244 Resp: 2843578
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.3 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132833.D

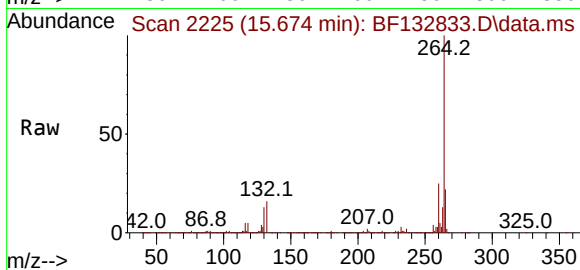
Acq: 17 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

CE-43-031423



Tgt Ion:264 Resp: 561031

Ion Ratio Lower Upper

264 100

260 24.9 18.9 28.3

265 22.0 17.4 26.0

